EMB No.04

4th & Final

Name of the Work:	Proposed Construction of Rajarjeshwari School (Kalpana Road) Building in Ward No.17 J.P.Park Bangalore.

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EMB NO-04 & FINAL	
Name of the work	PROJECT:PROPOSED CONSTRUCTION OF RAJARAJESHWARI SCHOOL (KALPANA ROAD) BUILDING IN WARD NO.17 J.P.PARK, BANGALORE
Job Code No	017-19-000004(P-3460)
Agreement No.& Date	EE(P)/RRN/AG/28/21-22 Date:12.11.2021
Work order No. & Date	EE(P)/RRN/WO/25/21-22 Date:12.11.2021
Name of the contractor/Agency:	M/S M R Infra, No.123/30, 4th Floor, 1st Main Road, Rajajinagar Industrial Town, Bangalore-10.

RA BILL-04 AND Final

Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removalof stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. II. By Mechanical Means: A. In area of light jungle.						
	carry page no -01 EMB No -01	Ha					0.97
						Total Qty	0.97
						Deduct Paid Qty	0.97
						Qty Paid on This bill	Nil

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive E...
R.R. Nagar Project Sub
Bruhat Bengaluru Mahar

A.E.E (P)
R.R.Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
2	Earth work for lowering & levelling the ground other than foundation works by Mechanical means upto 3.0 mt depth including providing shoring stutting and bracing , removal of stumps and other and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising /transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM of machineries etc., complete.						
	carry page no -02 EMB No -01	CUM					5347.30
						Total Qty	5362.60
						Deduct Paid Qty	5347.30
						Up to 125%	3610.00
						Above 125%	1737.30
						Qty Paid on This bill	Nil

Contractor

For M.R INFRA

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

A.E.E (P)
R.R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
3	Earth work excavation for foundation of structures upto 3 mtrs.by mechanical means as per drawing and technical specification, including setting out, providing shoring, strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required and utilising / transporting the remaining earth upto 1.00km lead. including cost of labour, materials and HOM etc., complete. - do - In all types of soils						
	carry page no -03 EMB No -01	CUM					1573.46
	For Footigs	CUM	2	3.40	2.50	0.90	15.30
						Total Qty	1588.76
						Deduct Paid Qty	1573.46
						Qty Paid on This bill	15.30

A.E.E (P)
R.R.Nagar

For M R INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-C
Bruhat Bengaluru Mahanagara Palike

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
4	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.						
	carry page no -06 EMB No -01	CUM					872.92
						Total Qty	872.92
						Deduct Paid Qty	872.92
						Qty Paid on This bill	Nil

A.E.E (P)
R.R. Nagar

For M.R.INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahanagara

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
5	KSRB 2.13 : Providing sand and cement piles with all leads and lift of 1.5 m. for stabilising foundation after duly making 5 cms. dia holes to a depth of 1.2 to 1.5 m. at 0.5 m c/c and filling with sand and 10% cement and tamping wherever required including cost of materials, labour complete as per specifications						
	For Footigs						
	Grid - A1, A3 TO S1,S3	sqm	1	51.75	13.980		723.47
	Grid - A9, A11 TO S9,S11	sqm	1	51.75	13.980		723.47
	Grid - A3, A9 TO F3,F11	sqm	1	8.10	17.465		141.47
	Grid - M3, M9 TO S3,S11	sqm	1	8.10	17.465		141.47
	Grid - T4,T8	sqm	2	3.00	3.000		18.00
		sqm	2	3.50	0.900		6.30
	carry page no -06 EMB No -01	Sqm					1754.16
						Total Qty	1754.16
						Deduct Paid Qty	1737.10
						Above 125%	17.06
						Qty Paid on This bill	17.06

A.E.E (P)
R.R. Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
6	KSRB 3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured) Specification No.KBS: 3.2.6 / 3.2.7						
	carry page no -09 EMB No -01	Sqm					2272.65
						Total Qty	2272.65
						Deduct Paid Qty	2272.65
						Up to 125%	1408.13
						Above 125%	864.52
						Qty Paid on This bill	Nil

clerk

A.E.E (P)
R.R. Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-C
Bruhat Bengaluru Mahanagara Palik

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.						
	carry page no -11 EMB No -01	cum					343.86
						Total Qty	343.86
						Deduct Paid Qty	343.86
						Up to 125%	290.38
						Above 125%	53.48
						Qty Paid on This bill	Nil

A.E.E (P) R.R. Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division
Bruhat Bengaluru Mahanagara Palike

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
8	Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.						
	carry page no -12 EMB No -01	Sqm					57.31
						Total Qty	57.31
						Deduct Paid Qty	57.31
						Qty Paid on This bill	Nil

A.E.E (P)
R.R. Nagar

For M.R.INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Divis
Bengaluru Mahanagara

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RA BILL-04 AND Final

Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
9	Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications.specification						
	Excavated Footing Back Filling with						
	For Footigs						
	Grid - A1, A3 TO S1,S3	CUM	1	51.75	13.980	4.800	3472.63
	Grid - A9, A11 TO S9,S11	CUM	1	51.75	13.980	4.800	3472.63
	Grid - A3, A9 TO F3,F11	CUM	1	8.10	17.465	4.800	679.04
	Grid - M3, M9 TO S3,S11	CUM	1	8.10	17.465	4.800	679.04
	Grid - T4,T8	CUM	2	3.00	3.00	4.80	86.40
		CUM	2	3.50	0.90	3.50	22.05
							8411.79
	carry page no -18 EMB No -01	Sqm					8329.82
						Total Qty	8329.82
						Deduct Paid Qty	8329.82
						Up to 125%	1276.25
						Above 125%	7053.57
						Qty Paid on This bill	81.97

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engine
R.R. Nagar Project Sub-Divi
Bruhat Bengaluru Mahanag

A.E.E
R.R. N

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
10	KSRRB M100-2. Loading and Unloading of Stone Boulders/Stone Aggregates/sand/Kanker/moorum by Manual Means complete as per specifications. MORTH -100/ Chapter 1 & cost of Haulage excluding loading & unloading - 15 km						
	For surface excavation Debrs removal (Average depth1.0 MT)	CUM	1	76.00	38.000	1.000	2888.00
	For Footigs						
	For surface excavation Debrs removal (Average depth1.0 MT)	CUM	1	95.08	38.000	1.480	5347.30
	For Footigs						
	Grid - A1, A3 TO S1,S3	CUM	1	51.75	13.980	3.900	2821.51
	Grid - A9, A11 TO S9,S11	CUM	1	51.75	13.980	3.900	2821.51
	Grid - A3, A9 TO F3,F11	CUM	1	8.10	17.465	3.900	551.72
	Grid - M3, M9 TO S3,S11	CUM	1	8.10	17.465	3.900	551.72
	Grid - T4,T8	CUM	2	3.00	3.00	3.90	70.20
		CUM	2	3.50	0.90	2.50	15.75
							15067.71
	carry page no -19 EMB No -01	Sqm					15001.11
						Total Qty	15001.11
						Deduct Paid Qty	15001.11
						Up to 125%	3610.00
						Above 125%	11391.11
						Qty Paid on This bill	66.60

For M.R INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-0
Bruhat Bengaluru Mahanag...

A.E.E (P)
R.R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
11	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm & down size graded grinite metel coarse aggregates @ 0.892 cum & fine aggregates @ 0.465 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation & plinth, cost of all materials, labour, HOM of machinery, curing complete as per specification.						
	carry page no -24 EMB No -01	cum					319.95
						Total Qty	319.95
						Deduct Paid Qty	319.95
						Up to 125%	315.81
						Above 125%	4.14
						Qty Paid on This bill	Nil

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahana...

A.E.E(P)
R.R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
13	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. Ground floor						
	carry page no -37 EMB No -01	cum					28.47
						Total Qty	28.47
						Deduct Paid Qty	28.47
						Qty Paid on This bill	Nil

A.E.E (P)
R.R. Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bengaluru Mahana...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
14	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. Frist floor						
	carry page no -4 EMB No -02	cum					33.97
						Total Qty	33.97
						Deduct Paid Qty	33.97
						Up to 125%	33.38
						Above 125%	0.59
						Qty Paid on This bill	Nil

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
R.R. Nagar Project Sub-Di
Bruhat Bengaluru Mahar

A.E.E (P)
R.R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
15	Providing & laying IN POSITION REINFORCED CEMENT CONCRETE of design mix M25 with OPC cement @ 340 Kgs with down size graded grinite metel coarse aggregates @ 0.70 Cum & fine aggregates @ 0.47 Cum with super plastisiser @ 3.0 Ltrs confirming to IS 9103-1999, re affirmed - 2008, Maichine mixed, concrete laid in layers not exeeceding 15cms thick, vibrated for all works in foundation ,Plinth,& Ground floor Level for Roof Slab, Staircase, Lintels, Retaining Wall, Pires, Abutments, Pillers, Posts, Struts, Butteress, String or Lasing Corsess, Prapeets Copings, Bed Blocks, anchor blocks, plain windows cills, filliets, etc including cost of all materials, laobur HOM of machinary, curing complete as per specification. Frist floor						
	carry page no -26 EMB No -02	cum					28.47
	carry page no -4 EMB No -03	cum					5.00
						Total Qty	33.47
						Deduct Paid Qty	33.47
						Qty Paid on This bill	Nil

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engineer

R.R. Nagar Project Sub-D

Bruhat Bengaluru Mahe

AEE (P) R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
18	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) Footing And Column.						
	carry page no -15 EMB No -01	cum					533.79
	carry page no -16 EMB No -01	cum					28.35
	carry page no -17 EMB No -01	cum					33.19
	carry page no -28 EMB No -01						40.17
	carry page no -1 EMB No -02	cum					40.17
	carry page no -23 EMB No -02	cum					40.17
	carry page no -01 EMB No -03	cum					7.72
						Total Qty	722.56
						Deduct Paid Qty	722.56
						Qty Paid on This bill	Nil

A.E.E (P)
R.R. Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Div
Bruhat Bengaluru Mahanagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
19	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges). Graded Beam						
	carry page no -27 EMB No -01	cum					79.01
	carry page no -40 EMB No -01	cum					61.69
	carry page no -7 EMB No -02	cum					84.50
	carry page no -29 EMB No -02	cum					84.50
	carry page no -6 EMB No -03	cum					17.18
						Total Qty	326.89
						Deduct Paid Qty	326.89
						Qty Paid on This bill	Nil

A.E.E (P) R.R Nagar

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Div
Bruhat Bengaluru Mahan

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RA BILL-04 AND Final

Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
20	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) Roof Slab.						
	GF FFL Under Concrete						
	GRID= A1 A2 TO N1 N2	CUM	1	36.28	6.75	0.1	24.47
	GRID= E2 E3 TO N2 N3 & E9 E10 TO N	CUM	2	25.045	2.23	0.1	11.17
	GRID= A2 E2 TO A10 E10	CUM	1	15.46	11.47	0.1	17.72
	GRID= A10 A11 TO S10 S11	CUM	1	47.875	6.63	0.1	31.74
	GRID= N1 S1 TO N10 S10	CUM	1	11.48	22.21	0.1	25.49
	GRID= S4 T4 TO S8 T8	CUM	1	7.61	7.95	0.1	6.05
			Under Floor Concrete Qty				**116.65**
	GF ROOF SLAB Concrete						
	GRID= A1 A2 TO N1 N2	CUM	1	36.28	6.75	0.15	36.71
	DEDUCTION STAIR CASE AREA	CUM	-1	4.3	5.15	0.15	-3.32
	RACK	CUM	1	3.63	0.60	0.15	0.33
	RACK	CUM	2	3.5	0.60	0.15	0.63
	RACK	CUM	1	3.39	0.60	0.15	0.31
	GRID= E2 E3 TO N2 N3 & E9 E10 TO N	CUM	2	25.045	2.23	0.15	16.76
	GRID= A2 E2 TO A10 E10	CUM	1	15.46	11.47	0.15	26.59
	RACK	CUM	1	3.129	0.60	0.15	0.28
	RACK		1	3.5	0.60	0.15	0.32
	GRID= A10 A11 TO S10 S11	CUM	1	47.875	6.63	0.15	47.61
	RACK	CUM	2	4.13	0.60	0.15	0.74
	STAIR CASE AREA DEDUCTION	CUM	-1	4.3	5.15	0.15	-3.32
	GRID= N1 S1 TO N10 S10	CUM	1	11.48	22.21	0.15	38.24
	RACK	CUM	2	1.65	0.60	0.15	0.30
	GRID= S4 T4 TO S8 T8	CUM	1	7.61	7.95	0.15	9.07
	Slab Projection A11 TO S11	CUM	1	2.875	0.60	0.15	0.26
		CUM	1	3.825	0.60	0.15	0.34
		CUM	1	3.7	0.60	0.15	0.33
		CUM	1	3.05	0.60	0.15	0.27
		CUM	2	4.3	5.80	0.15	7.48
	GF Diff Qty	CUM	2	4.3	6.95	0.15	8.97
			GF Roof Slab Qty				**188.89**
	RA-2 Bill quantity						
	FF ROOF SLAB Concrete						
	GRID= A1 A2 TO N1 N2	CUM	1	36.28	6.75	0.15	36.71
	DEDUCTION STAIR CASE AREA	CUM	-1	4.30	5.15	0.15	-3.32
	RACK	CUM	1	3.63	0.60	0.15	0.33
	RACK	CUM	2	3.50	0.60	0.15	0.63
	RACK	CUM	1	3.39	0.60	0.15	0.31
	GRID= E2 E3 TO N2 N3 & E9 E10 TO	CUM	2	25.05	2.23	0.15	16.76

A.E.E (P) R.R. Nagar

Assistant Executive Engineer
R.R. Nagar Project Sub-Division
Bruhat Bangalore Mahanagara Palike

AE/JE (P) R.R.N

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	GRID= A2 E2 TO A10 E10	CUM	1	15.46	11.47	0.15	26.59
	RACK	CUM	1	3.13	0.60	0.15	0.28
	RACK		1	3.50	0.60	0.15	0.32
	GRID= A10 A11 TO S10 S11	CUM	1	47.88	6.63	0.15	47.61
	RACK	CUM	2	4.13	0.60	0.15	0.74
	STAIR CASE AREA DEDUCTION	CUM	-1	4.30	5.15	0.15	-3.32
	GRID= N1 S1 TO N10 S10	CUM	1	11.48	22.21	0.15	38.24
	RACK	CUM	2	1.65	0.60	0.15	0.30
	Slab Projection A11 TO S11	CUM	1	2.88	0.60	0.15	0.26
		CUM	1	3.83	0.60	0.15	0.34
		CUM	1	3.70	0.60	0.15	0.33
		CUM	1	3.05	0.60	0.15	0.27
		CUM	2	4.30	0.60	0.15	0.77
	Deduction for FF ROOF BEAM Slab						
	2B1(230X450) @ Grid at B1	CUM	-1	3.63	0.230	0.150	-0.13
	2B1(230X450)@ Grid at F1	CUM	-1	3.50	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at I1	CUM	-1	3.50	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at K1	CUM	-1	3.39	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at B11 & R11	CUM	-2	4.13	0.230	0.150	-0.28
	2B2(230X450)= Grid- A1 To S1	CUM	-1	47.88	0.230	0.150	-1.65
	2B3(230X450)= GRID B/W 1B35 &	CUM	-2	1.39	0.230	0.150	-0.10
	2B4(230X450)= GRID B/W 2B36 &	CUM	-1	2.85	0.230	0.150	-0.10
	2B5(230X450)= GRID N1A TO N'1A	CUM	-1	2.05	0.230	0.150	-0.07
	2B6(230X450)= B/W L1A, L2 TO N1A,	CUM	-2	4.30	0.230	0.150	-0.30
	2B7(230X450)= G-A2 To S2	CUM	-1	47.88	0.230	0.150	-1.65
	2B8(230X450)= G-E3 To N3, E9 To N9	CUM	-2	25.28	0.230	0.150	-1.74
	2B9(230X600)= A4 To C4 & A8 To C8	CUM	-2	6.40	0.230	0.150	-0.44
	C4 TO E4 & C8 To E8	CUM	-2	5.60	0.230	0.150	-0.39
	2B10(230X600)= A6 To C6	CUM	-1	6.40	0.230	0.150	-0.22
	2B11 (230X600)= N4 TO Q4 & N7 TO	CUM	-2	4.62	0.230	0.150	-0.32
	Q4 TO T4 & Q8 TO T8		-2	6.14	0.230	0.150	-0.42
	2B12(300X600)= Q6 TO T6	CUM	-1	13.75	0.300	0.150	-0.62
	2B13(230X600)= GRID A10 TO S10	CUM	-1	47.88	0.230	0.150	-1.65
	2B14(230X450)= GRID B/W E10 E11	CUM	-2	4.30	0.230	0.150	-0.30
	2B15(230X450)= GRID B/W 2B39,	CUM	-1	5.01	0.230	0.150	-0.17
	2B16(230X450)= GRID B/W 1B41 1B2	CUM	-2	1.14	0.230	0.150	-0.08
	2B17(230X0.45)= B/W 2B38, 2B41	CUM	-1	6.73	0.230	0.150	-0.23
	2B18(230X450) GRID B/W 2B40,	CUM	-1	2.77	0.230	0.150	-0.10
	2B19(230X450)= A11 TO S11	CUM	-1	47.88	0.230	0.150	-1.65
	2B20(230X450)= AT B11	CUM	-1	4.13	0.230	0.150	-0.14
	AT R11	CUM	-1	4.13	0.230	0.150	-0.14
	2B21(230X450)= AT B1, F1, I1, K1,	CUM	-20	0.37	0.230	0.150	-0.26
			-4	0.60	0.230	0.150	-0.08
	2B22(230X450)= AT A2 AND A10	CUM	-2	1.50	0.230	0.150	-0.10
	2B22A (230X450)= AT A4 AND A8	CUM	-2	3.50	0.230	0.150	-0.24

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	2B23(230X600)= A1 TO A11	CUM	-1	29.69	0.230	0.150	-1.02
	2B24(230X600)= B10 TO B11, M10 TO	CUM	-2	6.40	0.230	0.150	-0.44
	2B25(230X600)= GRID B1 TO B2	CUM	-2	6.40	0.230	0.150	-0.44
	2B26(230X450)= GRID C3 TO C10	CUM	-1	15.46	0.230	0.150	-0.53
	2B27(230X600)= D10 TO D11, J10 TO	CUM	-3	6.40	0.230	0.150	-0.66
	2B28(230X600)= D1 TO D2, H1 TO	CUM	-3	6.40	0.230	0.150	-0.66
	2B29(230X600)= GRID E2 TO E11	CUM	-1	21.98	0.230	0.150	-0.76
	2B30(230X600)= G10 TO G11	CUM	-1	6.40	0.230	0.150	-0.22
	2B31(230X600)= I10 TO I11	CUM	-2	6.40	0.230	0.150	-0.44
	2B32(230X600)= I1 TO I3 , K1 TO K3	CUM	-2	6.40	0.230	0.150	-0.44
		CUM	-2	2.00	0.230	0.150	-0.14
	2B33(230X600)= L1 TO L2	CUM	-1	6.40	0.230	0.150	-0.22
	2B34(230X450)= P1 TO P2	CUM	-1	22.09	0.230	0.150	-0.76
	2B35(150X450)= GRID N'1 TO N'2	CUM	-1	6.40	0.230	0.150	-0.22
	2B36(230X600) = P1 TO P2	CUM	-1	6.40	0.230	0.150	-0.22
	2B36A (230X450) = B/W Q1 R1	CUM	-1	2.00	0.230	0.150	-0.07
	2B37(230X600)=R1 TO R11	CUM	-1	6.40	0.230	0.150	-0.22
	2B38(230X600)= GRID- O10 TO O11	CUM	-1	6.40	0.230	0.150	-0.22
	2B39(230X750)= Q2 TO Q10	CUM	-1	7.49	0.300	0.150	-0.34
			-2	3.65	0.230	0.150	-0.25
	2B40(150X600)= GRID R10 TO R11	CUM	-1	6.40	0.230	0.150	-0.22
	2B41(230X600)= GRID B/W R10 S10	CUM	-1	6.40	0.230	0.150	-0.22
	2B42(230X600)= GRID S1 TO S4, S8	CUM	-1	21.15	0.230	0.150	-0.73
	2B42(230X750)= GRID S4 TO S8	CUM	-1	7.49	0.300	0.150	-0.34
	2B43(230X0.45)= GRID AT S4/S8	CUM	-2	1.50	0.230	0.150	-0.10
	2B44(230X600)= T4 TO T8	CUM	-1	7.30	0.230	0.150	-0.25
				FF Roof Slab Total Qty			**140.06**
	SF ROOF SLAB Concrete						
	GRID= A1 A2 TO N1 N2	CUM	1	36.28	6.746	0.15	36.71
	DEDUCTION STAIR CASE AREA	CUM	-1	4.30	5.15	0.15	-3.32
	RACK	CUM	1	3.63	0.6	0.15	0.33
	RACK	CUM	2	3.50	0.6	0.15	0.63
	RACK	CUM	1	3.39	0.6	0.15	0.31
	GRID= E2 E3 TO N2 N3 & E9 E10 TO	CUM	2	25.05	2.23	0.15	16.76
	GRID= A2 E2 TO A10 E10	CUM	1	15.46	11.465	0.15	26.59
	RACK	CUM	1	3.13	0.6	0.15	0.28
	RACK		1	3.50	0.6	0.15	0.32
	GRID= A10 A11 TO S10 S11	CUM	1	47.88	6.63	0.15	47.61
	RACK	CUM	2	4.13	0.6	0.15	0.74
	STAIR CASE AREA DEDUCTION	CUM	-1	4.30	5.15	0.15	-3.32
	GRID= N1 S1 TO N10 S10	CUM	1	11.48	22.207	0.15	38.24
	RACK	CUM	2	1.65	0.6	0.15	0.30
	Slab Projection A11 TO S11	CUM	1	2.88	0.6	0.15	0.26
		CUM	1	3.83	0.6	0.15	0.34
		CUM	1	3.70	0.6	0.15	0.33
		CUM	1	3.05	0.6	0.15	0.27

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		CUM	2	4.30	0.6	0.15	0.77
	Deduction for FF ROOF BEAM Slab						
	2B1(230X450) @ Grid at B1	CUM	-1	3.63	0.230	0.150	-0.13
	2B1(230X450)@ Grid at F1	CUM	-1	3.50	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at I1	CUM	-1	3.50	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at K1	CUM	-1	3.39	0.230	0.150	-0.12
	2B1 (230X450)@ Grid at B11 & R11	CUM	-2	4.13	0.230	0.150	-0.28
	2B2(230X450)= Grid- A1 To S1	CUM	-1	47.88	0.230	0.150	-1.65
	2B3(230X450)= GRID B/W 1B35 &	CUM	-2	1.39	0.230	0.150	-0.10
	2B4(230X450)= GRID B/W 2B36 &	CUM	-1	2.85	0.230	0.150	-0.10
	2B5(230X450)= GRID N1A TO N'1A	CUM	-1	2.05	0.230	0.150	-0.07
	2B6(230X450)= B/W L1A, L2 TO N1A,	CUM	-2	4.30	0.230	0.150	-0.30
	2B7(230X450)= G-A2 To S2	CUM	-1	47.88	0.230	0.150	-1.65
	2B8(230X450)= G-E3 To N3, E9 To N9	CUM	-2	25.28	0.230	0.150	-1.74
	2B9(230X600)= A4 To C4 & A8 To C8	CUM	-2	6.40	0.230	0.150	-0.44
	C4 TO E4 & C8 To E8	CUM	-2	5.60	0.230	0.150	-0.39
	2B10(230X600)= A6 To C6	CUM	-1	6.40	0.230	0.150	-0.22
	2B11 (230X600)= N4 TO Q4 & N7 TO	CUM	-2	4.62	0.230	0.150	-0.32
	Q4 TO T4 & Q8 TO T8		-2	6.14	0.230	0.150	-0.42
	2B12(300X600)= Q6 TO T6	CUM	-1	13.75	0.300	0.150	-0.62
	2B13(230X600)= GRID A10 TO S10	CUM	-1	47.88	0.230	0.150	-1.65
	2B14(230X450)= GRID B/W E10 E11	CUM	-2	4.30	0.230	0.150	-0.30
	2B15(230X450)= GRID B/W 2B39,	CUM	-1	5.01	0.230	0.150	-0.17
	2B16(230X450)= GRID B/W 1B41 1B2	CUM	-2	1.14	0.230	0.150	-0.08
	2B17(230X0.45)= B/W 2B38, 2B41	CUM	-1	6.73	0.230	0.150	-0.23
	2B18(230X450) GRID B/W 2B40,	CUM	-1	2.77	0.230	0.150	-0.10
	2B19(230X450)= A11 TO S11	CUM	-1	47.88	0.230	0.150	-1.65
	2B20(230X450)= AT B11	CUM	-1	4.13	0.230	0.150	-0.14
	AT R11	CUM	-1	4.13	0.230	0.150	-0.14
	2B21(230X450)= AT B1, F1, I1, K1,	CUM	-20	0.37	0.230	0.150	-0.26
			-4	0.60	0.230	0.150	-0.08
	2B22(230X450)= AT A2 AND A10	CUM	-2	1.50	0.230	0.150	-0.10
	2B22A (230X450)= AT A4 AND A8	CUM	-2	3.50	0.230	0.150	-0.24
	2B23(230X600)= A1 TO A11	CUM	-1	29.69	0.230	0.150	-1.02
	2B24(230X600)= B10 TO B11, M10 TO	CUM	-2	6.40	0.230	0.150	-0.44
	2B25(230X600)= GRID B1 TO B2	CUM	-2	6.40	0.230	0.150	-0.44
	2B26(230X450)= GRID C3 TO C10	CUM	-1	15.46	0.230	0.150	-0.53
	2B27(230X600)= D10 TO D11, J10 TO	CUM	-3	6.40	0.230	0.150	-0.66
	2B28(230X600)= D1 TO D2, H1 TO	CUM	-3	6.40	0.230	0.150	-0.66
	2B29(230X600)= GRID E2 TO E11	CUM	-1	21.98	0.230	0.150	-0.76
	2B30(230X600)= G10 TO G11	CUM	-1	6.40	0.230	0.150	-0.22
	2B31(230X600)= I10 TO I11	CUM	-2	6.40	0.230	0.150	-0.44
	2B32(230X600)= I1 TO I3 , K1 TO K3	CUM	-2	6.40	0.230	0.150	-0.44
		CUM	-2	2.00	0.230	0.150	-0.14
	2B33(230X600)= L1 TO L2	CUM	-1	6.40	0.230	0.150	-0.22
	2B34(230X450)= P1 TO P2	CUM	-1	22.09	0.230	0.150	-0.76

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	2B35(150X450)= GRID N'1 TO N'2	CUM	-1	6.40	0.230	0.150	-0.22
	2B36(230X600) = P1 TO P2	CUM	-1	6.40	0.230	0.150	-0.22
	2B36A (230X450) = B/W Q1 R1	CUM	-1	2.00	0.230	0.150	-0.07
	2B37(230X600)=R1 TO R11	CUM	-1	6.40	0.230	0.150	-0.22
	2B38(230X600)= GRID- O10 TO O11	CUM	-1	6.40	0.230	0.150	-0.22
	2B39(230X750)= Q2 TO Q10	CUM	-1	7.49	0.300	0.150	-0.34
			-2	3.65	0.230	0.150	-0.25
	2B40(150X600)= GRID R10 TO R11	CUM	-1	6.40	0.230	0.150	-0.22
	2B41(230X600)= GRID B/W R10 S10	CUM	-1	6.40	0.230	0.150	-0.22
	2B42(230X600)= GRID S1 TO S4, S8	CUM	-1	21.15	0.230	0.150	-0.73
	2B42(230X750)= GRID S4 TO S8	CUM	-1	7.49	0.300	0.150	-0.34
	2B43(230X0.45)= GRID AT S4/S8	CUM	-2	1.50	0.230	0.150	-0.10
	2B44(230X600)= T4 TO T8	CUM	-1	7.30	0.230	0.150	-0.25
			SF Roof Slab Total Qty				**140.06**
	RA-3 Bill quantity						
	TF ROOF SLAB Concrete						
	Grid - b/w P1, S1 and P11, S11	CUM	1	7.70	28.952	0.15	33.44
	Slab Projection	CUM	2	0.60	1.88	0.15	0.34
	Slab Projection	CUM	1	4.13	0.6	0.15	0.37
	Deduction for TF ROOF BEAM Slab						
	TB2(230X450)= Grid- P1 To S1	CUM	-1	7.70	0.230	0.150	-0.27
	TB7(230X450)= G-P2 To S2	CUM	-1	7.70	0.230	0.150	-0.27
	TB11 (230X600)= Q4 TO S4 & Q8 TO	CUM	-2	4.62	0.230	0.150	-0.32
	TB12 (230X600)= Q6 TO S6	CUM	-1	4.62	0.230	0.150	-0.16
	TB13,19(230X450)= GRID O11 TO S11	CUM	-2	8.59	0.230	0.150	-0.59
	TB16(230X450)= GRIDB/W TB41	CUM	-2	1.14	0.230	0.150	-0.08
	TB36(230X600) = P1 TO P2	CUM	-1	6.40	0.230	0.150	-0.22
	TB37(230X600) = R1 TO R2	CUM	-1	6.40	0.230	0.150	-0.22
	TB40, 41(230X600)= GRID- R10 TO	CUM	-2	6.40	0.230	0.150	-0.44
	TB39(230X750)= Q2 TO Q10	CUM	-1	7.49	0.300	0.150	-0.34
			-2	3.65	0.230	0.150	-0.25
	TB42(230X600)= GRID- S1 TO S4 AND	CUM	-2	11.11	0.230	0.150	-0.77
	TB42(230X450)= GRID- S4 TO S8	CUM	-2	7.48	0.230	0.150	-0.52
	TB20(230X450)= GRID-B/W Q11 TO	CUM	-1	5.04	0.230	0.150	-0.17
	TB43(230X450)= GRID-B/W S8, S9	CUM	-2	2.62	0.230	0.150	-0.18
			TF Roof Slab Total Qty in Cum				**29.36**
							615.02
	carry page no -48 EMB No -01	cum					116.65
	carry page no -49 EMB No -01	cum					182.22
	carry page no -14 EMB No -02	cum					140.06
	carry page no -36 EMB No -02	cum					140.06
	carry page no -11 EMB No -03	cum					29.36

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		Total Qty	608.35
		Deduct Paid Qty	608.35
		Qty Paid on This bill	6.67

A.E.E (P)
R.R. Nagar

For M.R.INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Divi
Bruhat Bengaluru Mahanag

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
21	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for Foundation , footing , bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2						
	Shuttering FOR Footing, Columns &						
	F1=2.10x2.10x0.4 M						
	F1= Grid - T4 & T8	Sqm	2	2.10	2.100	0.400	12.18
	F2=3.2X3.0X0.6 M						
	F2-=Grid- A1, D1, F1, I1, K1, P1, R1, S1, E2,I2, K2, S2, A4, A8, I10	Sqm	23	3.20	3.000	0.600	309.12
	F3=3.4X3.6X0.65 M,						
	F3=Grid- H2, J2, J10, L10.	Sqm	4	3.40	3.600	0.650	66.64
	F4=3.6X3.4X0.6 M,						
	F4=Grid- B1, H1, J1, N1, A2, B2, D2, R2, C4, A6, C6, C8, B10, O11, S11	Sqm	16	3.60	3.400	0.600	264.96
	F5=3.9X3.7X0.65M						
	F5=Grid- N1, O10, G11, R11.	Sqm	4	3.90	3.700	0.650	78.00
	F5A=3.5X3.9X0.7 M.						
	F5A=Grid- L2.	Sqm	1	3.50	3.900	0.700	18.55
	F6=4.0X4.0X0.65 M,						
	F6=Grid- S4, S8.	Sqm	2	4.00	4.000	0.650	42.40
	F7=4.8X4.0X0.85 M						
	F7=Grid- Q4, Q8.	Sqm	2	4.80	4.000	0.850	54.72
	F8=4.0X3.5X0.7 M,						
	F8=Grid- G10.	Sqm	1	4.00	3.500	0.700	19.60
	F9=4.2X3.1X0.7 M,						
	F9=Grid- A10	Sqm	1	4.20	3.100	0.700	18.90
	CF1- Grid- D10 To E10, D11 To E11.	Sqm	2	6.00	3.400	0.400	50.40
			2	6.00	1.000	0.400	21.60
	CF2- Grid- E3 To E5, N3 To N5, E7 To E9, N7 To N9.	Sqm	4	3.80	2.800	0.400	54.72
			4	3.80	0.600	0.300	18.24
	CF3-Grid- H9 To L9.	Sqm	1	18.26	1.300	0.400	38.35
	CF4-Grid- H3 To L3.	Sqm	1	18.46	1.300	0.400	38.77
	CF5 lift- Grid- N1A To N'1A b/w N2 To N'2	Sqm	1	6.77	5.505	0.700	46.75
	CF6- Grid- R10 To S10	Sqm	1	7.90	3.600	0.600	37.92
			1	7.90	1.000	0.300	12.64
	Staircase footing	Sqm	2	8.60	1.500	0.400	39.56
	Pedestals						
	Column P1 - [380X600] For C9	Sqm	4	0.60	0.380	1.000	5.71
	Column P2 - [380X750] For C1, C2, C3, C4, C5.	Sqm	56	0.75	0.380	1.000	99.96
	Column P3 - [380X900] For C8	Sqm	1	0.90	0.380	1.000	2.14
	Column P4 - [450X450] For C6	Sqm	20	0.45	0.450	1.000	22.05
	Column P5 - [600X600] For C7	Sqm	4	0.60	0.600	1.000	6.24
							1380.11
	carry page no -30 EMB No -01	sqm					794.38
						Total Qty	1380.11

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	Deduct Paid Qty	794.38	
	Qty Paid on This bill	585.73	

A.E.E (P)
R.R. Nagar

For M R INFRA
Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engi...
R.R. Nagar Project Sub-Divisi...
... Bengaluru Mahanagara Pa...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
22	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2. Ground floor						
	Plinth Beam						
	PB1 (230X450) @ Grid at B1	Sqm	1	3.63	0.230	0.450	4.10
	PB1 (230X450)@ Grid at F1	Sqm	1	3.50	0.230	0.450	3.96
	PB1 (230X450)@ Grid at I1	Sqm	1	3.50	0.230	0.450	3.96
	PB1 (230X450)@ Grid at K1	Sqm	1	3.39	0.230	0.450	3.83
	PB1 (230X450)@ Grid at B11 & R11	Sqm	2	4.13	0.230	0.450	9.33
	PB2(230X1200)= Grid- A1 To S1	Sqm	1	47.88	0.230	1.200	125.91
	PB3(230X450)= GRID B/W PB33 &	Sqm	2	1.39	0.230	0.450	3.13
	PB4(230X450)= GRID B/W PB34 &	Sqm	1	2.85	0.230	0.450	3.21
	PB5(230X450)= GRID N1A TO N'1A	Sqm	1	2.05	0.230	0.450	2.32
	PB5A(230X450)= B/W PB31 & PB32,	Sqm	2	4.30	0.230	0.450	9.72
	PB6(230X450)= GRID A1A B/W A2	Sqm	1	2.50	0.230	0.450	2.83
	PB6A(230X450) RACK WALL	Sqm	18	0.37	0.230	0.450	7.53
	PB7(230X450)= G-A2 To S2	Sqm	1	47.875	0.230	0.450	54.10
	PB8(230X450)= G-E3 To N3, E9 To N9	Sqm	2	25.275	0.230	0.450	57.12
	PB9(230X600)= Q4 To T4 & Q8 To T8	Sqm	2	7.01	0.230	0.600	20.05
	PB10(230X450)= A4 To C4, A8 To C8	Sqm	2	6.86	0.230	0.450	15.50
	PB11(230X450)= A6 To C4	Sqm	1	6.86	0.230	0.450	7.75
	PB12(230X450)= A10 TO S10	Sqm	1	47.875	0.230	0.450	54.10
	PB13(230X450)= GRID B/W PB39 &	Sqm	1	2.765	0.230	0.450	3.12
	PB14(230X450)= GRID B/W PB41 &	Sqm	2	1.135	0.230	0.450	2.57
	PB15(230X450)= GRID B/W PB37 &	Sqm	1	6.73	0.230	0.450	7.60
	PB16(230X450)= GRID B/W PB39 &	Sqm	1	2.765	0.230	0.450	3.12
	PB17(230X1200)= A11 TO S11	Sqm	1	47.875	0.230	1.200	125.91
	PB18A(230X450) GRID @ A2	Sqm	1	1.50	0.230	0.450	1.70
	PB18(230X450) GRID @ A4	Sqm	1	3.50	0.230	0.450	3.96
	PB18(230X450) GRID @ A8	Sqm	1	3.129	0.230	0.450	3.54
	PB18A(230X450) GRID @ A10	Sqm	1	1.50	0.230	0.450	1.70
	PB19(230X1200)= A1 TO A9	Sqm	1	29.69	0.230	1.200	78.08
	PB20(230X450)= A1 B/W B1 TO A2	Sqm	1	6.40	0.230	0.450	7.23
	PB21(230X450)= B1 TO B2, F1 TO F21	Sqm	2	6.40	0.230	0.450	14.46
	PB22(230X450)= GRID B10 TO B11	Sqm	2	6.40	0.230	0.450	14.46
	PB23(230X450)= C2 TO C10	Sqm	1	15.231	0.230	0.450	17.21
	PB24(230X450)= D1 TO D2, H1 TO	Sqm	3	6.40	0.230	0.450	21.70
	PB25(230X450)= GRID D10 TO D11	Sqm	1	6.40	0.230	0.450	7.23
	PB26(230X450)= GRID E10 TO E11 &	Sqm	2	6.40	0.230	0.450	14.46
	PB27(230X450)= I1 TO I3, K1 TO K3	Sqm	2	6.40	0.230	0.450	14.46
	PB28(230X450)= GRID I10 TO I11 &	Sqm	2	6.40	0.230	0.450	14.46
	PB29(230X450)= GRID J10 TO J11 &	Sqm	2	6.40	0.230	0.450	14.46
	PB30(230X450)= E3 TO E9, N3 TO N9	Sqm	2	10.771	0.230	0.450	24.34
	PB31(230X450)= L1 TO L2	Sqm	1	6.40	0.230	0.450	7.23

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	PB32(230X450)= N1 TO N2	Sqm	1	6.40	0.230	0.450	7.23
	PB33(230X450)= N'1 TO W'2	Sqm	1	6.40	0.230	0.450	7.23
	PB34(230X450)= P1 TO P2	Sqm	1	6.40	0.230	0.450	7.23
	PB35(150X450)= GRID B/W PB2 &	Sqm	1	2.115	0.230	0.450	2.39
	PB36(230X450) = R1 TO R4	Sqm	1	6.40	0.230	0.450	7.23
	PB37(230X450)=O10 TO O11	Sqm	1	6.40	0.230	0.450	7.23
	PB38(230X450)= Q4 TO PB15	Sqm	1	14.574	0.230	0.450	16.47
	PB39(230X450)= R10 TO R11	Sqm	1	6.40	0.230	0.450	7.23
	PB40(150X450)= GRID B/W PB16 &	Sqm	1	3.114	0.230	0.450	3.52
	PB41(230X450)= GRID B/W PB12 &	Sqm	1	6.40	0.230	0.450	7.23
	PB42(230X450)= GRID R4 B/W S4 TO	Sqm	1	7.486	0.230	0.450	8.46
	PB43(230X1200)= S8 TO S11	Sqm	1	10.24	0.230	1.200	26.93
	PB44(230X450)= S4 TO S8	Sqm	1	7.486	0.230	0.450	8.46
	PB45(230X1200)= S4 TO S9	Sqm	1	10.231	0.230	1.200	26.91
	PB46(230X600)= T4 TO T8	Sqm	1	7.486	0.230	0.600	10.70
	GF Lintel Beam Shuttering						
	Lintel Beam L1 : (230x200) Grid A1 to	Sqm	2	47.880	0.230	0.200	60.33
	Lintel Beam L2 : (230x200) Grid A2 TO	Sqm	2	47.880	0.230	0.200	60.33
	Lintel Beam L3 : (230x200) Grid A1 TO	Sqm	2	22.690	0.230	0.200	28.59
	Lintel Beam L4 : (230x300) Grid C2 to	Sqm	2	15.460	0.230	0.300	25.66
	Lintel Beam L5 : (115x150)	Sqm	5	1.200	0.115	0.150	2.49
	Lintel Beam L6 : (115x150)	Sqm	2	1.800	0.115	0.150	1.49
	GF ROOF BEAM						
	1B1(230X450) @ Grid at B1	Sqm	1	3.63	0.230	0.300	3.01
	1B1(230X450)@ Grid at F1	Sqm	1	3.50	0.230	0.300	2.91
	1B1 (230X450)@ Grid at I1	Sqm	1	3.50	0.230	0.300	2.91
	1B1 (230X450)@ Grid at K1	Sqm	1	3.39	0.230	0.300	2.81
	1B1 (230X450)@ Grid at B11 & R11	Sqm	2	4.13	0.230	0.300	6.86
	1B2(230X450)= Grid- A1 To S1	Sqm	1	47.88	0.230	0.300	39.74
	1B3(230X450)= GRID B/W 1B35 &	Sqm	2	1.39	0.230	0.300	2.30
	1B4(230X450)= GRID B/W 1B36 &	Sqm	1	2.85	0.230	0.300	2.36
	1B5(230X450)= GRID N1A TO N'1A	Sqm	1	2.05	0.230	0.300	1.70
	1B6(230X450)= B/W L1A, L2 TO N1A,	Sqm	2	4.30	0.230	0.300	7.14
	1B7(230X450)= G-A2 To S2	Sqm	1	47.875	0.230	0.300	39.74
	1B8(230X450)= G-E3 To N3, E9 To N9	Sqm	2	25.275	0.230	0.300	41.96
	1B9(230X600)= A4 To C4 & A8 To C8	Sqm	2	6.40	0.230	0.450	14.46
	C4 TO E4 & C8 To E8	Sqm	2	5.60	0.230	0.300	9.29
	1B10(230X600)= A6 To C6	Sqm	1	6.40	0.230	0.450	7.23
	1B11 (230X600)= N4 TO Q4 & N7 TO	Sqm	2	4.62	0.230	0.300	7.66
	Q4 TO T4 & Q8 TO T8	Sqm	2	6.14	0.230	0.450	13.88
		Sqm	2	7.01	0.300	0.450	16.82
	1B12(300X600)= Q6 TO T6	Sqm	1	13.750	0.300	0.450	16.50
	1B13(230X600)= GRID A10 TO S10	Sqm	1	47.875	0.230	0.450	54.10
	1B14(230X450)= GRID B/W E10 E11	Sqm	2	4.300	0.230	0.300	7.14
	1B15(230X450)= GRID B/W 1B39,	Sqm	1	5.01	0.230	0.300	4.15

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	1B16(230X450)= GRID B/W 1B41 1B2	Sqm	1	1.135	0.230	0.300	0.94
	1B17(230X0.45)= B/W 1B38, 1B41	Sqm	1	6.730	0.230	0.300	5.59
	1B18(230X450) GRID B/W 1B40,	Sqm	1	2.77	0.230	0.300	2.29
	1B19(230X450)= A11 TO S11	Sqm	1	47.875	0.230	0.300	39.74
	1B20(230X450)= AT B11	Sqm	1	4.13	0.230	0.300	3.43
	AT R11	Sqm	1	4.13	0.230	0.300	3.43
	1B21(230X450)= AT B1, F1, I1, K1,	Sqm	16	0.37	0.230	0.300	4.91
		Sqm	2	0.60	0.230	0.300	1.00
	1B22(230X450)= AT A2 AND A10	Sqm	2	1.50	0.230	0.300	2.49
	1B22A (230X450)= AT A4 AND A8	Sqm	2	3.50	0.230	0.300	5.81
	1B23(230X600)= A1 TO A11	Sqm	1	29.690	0.230	0.450	33.55
	1B24(230X600)= B10 TO B11, M10 TO	Sqm	2	6.40	0.230	0.450	14.46
	1B25(230X600)= GRID B1 TO B2	Sqm	1	6.40	0.230	0.450	7.23
	1B26(230X450)= GRID C3 TO C10	Sqm	1	15.46	0.230	0.300	12.83
	1B27(230X600)= D10 TO D11, J10 TO	Sqm	3	6.40	0.230	0.450	21.70
	1B28(230X600)= D1 TO D2, H1 TO	Sqm	3	6.40	0.230	0.450	21.70
	1B29(230X600)= GRID E2 TO E11	Sqm	1	21.98	0.230	0.450	24.83
	1B30(230X600)= G10 TO G11	Sqm	1	6.400	0.230	0.450	7.23
	1B31(230X600)= I10 TO I11	Sqm	2	8.40	0.230	0.450	18.98
	1B32(230X600)= I1 TO I3 , K1 TO K3	Sqm	2	8.40	0.230	0.450	18.98
	1B33(230X600)= L1 TO L2	Sqm	1	6.40	0.230	0.450	7.23
	1B34(230X450)= P1 TO P2	Sqm	1	22.09	0.230	0.300	18.33
	1B35(150X450)= GRID N'1 TO N'2	Sqm	1	6.400	0.230	0.300	5.31
	1B36(230X600) = P1 TO P2	Sqm	1	6.40	0.230	0.450	7.23
	1B36A (230X450) = B/W Q1 R1	Sqm	1	2.00	0.230	0.300	1.66
	1B37(230X600)=R1 TO R11	Sqm	1	6.40	0.230	0.450	7.23
	1B38(230X600)= GRID- O10 TO O11	Sqm	1	6.400	0.230	0.450	7.23
	1B39(230X450)= Q2 TO Q10	Sqm	1	7.49	0.300	0.600	11.23
		Sqm	2	3.65	0.230	0.300	6.06
	1B40(150X600)= GRID R10 TO R11	Sqm	1	6.400	0.230	0.450	7.23
	1B41(230X600)= GRID B/W R10 S10	Sqm	1	6.40	0.230	0.450	7.23
	1B42(230X600)= GRID S1 TO S4, S8	Sqm	1	21.146	0.230	0.450	23.89
	1B42(230X750)= GRID S4 TO S8	Sqm	1	7.486	0.300	0.600	11.23
	1B43(230X0.45)= GRID AT S4	Sqm	1	1.50	0.230	0.300	1.25
	1B44(230X600)= T4 TO T8	Sqm	1	7.301	0.230	0.450	8.25
	GF ROOF BEAM						
	1B1(230X450) @ Grid at B1	Sqm	1	3.63	0.230	0.300	3.01
	1B1(230X450)@ Grid at F1	Sqm	1	3.50	0.230	0.300	2.91
	1B1 (230X450)@ Grid at I1	Sqm	1	3.50	0.230	0.300	2.91
	1B1 (230X450)@ Grid at K1	Sqm	1	3.39	0.230	0.300	2.81
	1B1 (230X450)@ Grid at B11 & R11	Sqm	1	4.13	0.230	0.300	3.43
	1B2(230X450)= Grid- A1 To S1	Sqm	1	47.88	0.230	0.300	39.74
	1B3(230X450)= GRID B/W 1B35 &	Sqm	1	1.39	0.230	0.300	1.15
	1B4(230X450)= GRID B/W 1B36 &	Sqm	1	2.85	0.230	0.300	2.36
	1B5(230X450)= GRID N1A TO N'1A	Sqm	1	2.05	0.230	0.300	1.70
	1B6(230X450)= B/W L1A, L2 TO N1A,	Sqm	1	4.30	0.230	0.300	3.57
	1B7(230X450)= G-A2 To S2	Sqm	1	47.875	0.230	0.300	39.74

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	1B8(230X450)= G-E3 To N3, E9 To N9	Sqm	1	25.275	0.230	0.300	20.98
	1B9(230X600)= A4 To C4 & A8 To C8	Sqm	1	6.40	0.230	0.450	7.23
	C4 TO E4 & C8 To E8	Sqm	1	5.60	0.230	0.300	4.64
	1B10(230X600)= A6 To C6	Sqm	1	6.40	0.230	0.450	7.23
	1B11 (230X600)= N4 TO Q4 & N7 TO	Sqm	1	4.62	0.230	0.450	5.21
	Q4 TO T4 & Q8 TO T8	Sqm	1	6.14	0.230	0.450	6.94
		Sqm	1	0.60	0.230	0.450	0.68
	1B22(230X450)= AT A2 AND A10	Sqm	1	1.50	0.230	0.450	1.70
	1B22A (230X450)= AT A4 AND A8	Sqm	1	3.50	0.230	0.450	3.96
	1B23(230X600)= A1 TO A11	Sqm	1	29.690	0.230	0.450	33.55
	1B24(230X600)= B10 TO B11, M10 TO	Sqm	1	6.40	0.230	0.450	7.23
	1B25(230X600)= GRID B1 TO B2	Sqm	1	6.40	0.230	0.450	7.23
	1B26(230X450)= GRID C3 TO C10	Sqm	1	15.46	0.230	0.300	12.83
	1B27(230X600)= D10 TO D11, J10 TO J11, L10 TO L11	Sqm	1	6.40	0.230	0.450	7.23
	1B28(230X600)= D1 TO D2, H1 TO H2, I1 TO I2	Sqm	1	6.40	0.230	0.450	7.23
	1B29(230X600)= GRID E2 TO E11	Sqm	1	21.98	0.230	0.450	24.83
	1B30(230X600)= G10 TO G11	Sqm	1	6.400	0.230	0.450	7.23
	1B31(230X600)= I10 TO I11	Sqm	1	8.40	0.230	0.450	9.49
	1B32(230X600)= I1 TO I3 , K1 TO K3	Sqm	1	8.40	0.230	0.450	9.49
	1B33(230X600)= L1 TO L2	Sqm	1	6.40	0.230	0.450	7.23
	1B34(230X450)= P1 TO P2	Sqm	1	22.09	0.230	0.300	18.33
	1B35(150X450)= GRID N'1 TO N'2	Sqm	1	6.400	0.230	0.300	5.31
	1B36(230X600) = P1 TO P2	Sqm	1	6.40	0.230	0.450	7.23
	1B36A (230X450) = B/W Q1 R1	Sqm	1	2.00	0.230	0.300	1.66
	1B37(230X600)=R1 TO R11	Sqm	1	6.40	0.230	0.450	7.23
	1B38(230X600)= GRID- O10 TO O11	Sqm	1	6.400	0.230	0.450	7.23
	1B39(230X450)= Q2 TO Q10	Sqm	1	7.49	0.300	0.600	11.23
							2164.92
	carry page no -46 EMB No -01	sqm					2036.90
						Total Qty	2164.92
						Deduct Paid Qty	2036.90
						Qty Paid on This bill	128.02

A.E.E (P)
R.R. Nag

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive Engineer
R.R. Nagar Project Sub-Division
Bruhat Bengaluru Mahanagara...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
23	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2. First floor						
	carry page no -10 EMB No -02	sqm					1099.87
	Total Qty						1099.87
	Deduct Paid Qty						1099.87
	Qty Paid on This bill						-3.36

A.E.E (P)
R.R. Nagar

For M.R.INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive E
R.R. Nagar Project Sub
Bruhat Bengaluru Mahan...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
24	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. SECOND FLOOR						
	carry page no -32 EMB No -02	sqm					1285.67
						Total Qty	1285.67
						Deduct Paid Qty	1285.67
						Qty Paid on This bill	-34.30

For M R INFRA

Partner

Contractor

Assistant Engineer

AE/JE (P) R.R.N

A.E.E (P)

R.R. Naga

Asst. Executive Engineer

R.R. Nagar Project Sub-

Bruhat Bengaluru Mahana...

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RA BILL-04 AND Final

Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
25	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications.THIRD FLOOR						
	TF Lintel and Beam Shuttering						
	Lintel Beam L1 : (230x200) Grid A1 to S1 & A11 TO S11	Sqm	2	47.88	0.230	0.200	60.32
	Lintel Beam L2 : (230x200) Grid A2 TO S2 & A10 TO S10	Sqm	2	47.88	0.230	0.200	60.32
	Lintel Beam L3 : (230x200) Grid A1 TO A11 & S1 TO S11	Sqm	2	22.69	0.230	0.200	28.59
	Lintel Beam L4 : (230x300) Grid C2 to C10 & Q2 to Q10	Sqm	2	15.46	0.230	0.300	25.66
	Lintel Beam L5 : (115x150)	Sqm	5	1.20	0.115	0.150	2.49
	Lintel Beam L6 : (115x150)	Sqm	2	1.80	0.115	0.150	1.49
	TF ROOF BEAM						
	TB1(230X450) @ Grid at B1	Sqm	1	3.63	0.230	0.450	4.10
	TB1(230X450)@ Grid at F1	Sqm	1	3.50	0.230	0.450	3.96
	TB1 (230X450)@ Grid at I1	Sqm	1	3.50	0.230	0.450	3.96
	TB1 (230X450)@ Grid at K1	Sqm	1	3.39	0.230	0.450	3.83
	TB1 (230X450)@ Grid at B11 & R11	Sqm	2	4.13	0.230	0.450	9.33
	TB2(230X450)= Grid- A1 To S1	Sqm	1	47.88	0.230	0.450	54.10
	TB3(230X450)= GRID B/W 1B35 &	Sqm	2	1.39	0.230	0.450	3.13
	TB4(230X450)= GRID B/W 2B36 &	Sqm	1	2.85	0.230	0.450	3.21
	TB5(230X450)= GRID N1A TO N'1A	Sqm	1	2.05	0.230	0.450	2.32
	TB6(230X450)= B/W L1A, L2 TO N1A,	Sqm	2	4.30	0.230	0.450	9.72
	TB7(230X450)= G-A2 To S2	Sqm	1	47.88	0.230	0.450	54.10
	TB8(230X450)= G-E3 To N3, E9 To N9	Sqm	2	25.28	0.230	0.450	57.12
	TB9(230X600)= A4 To C4 & A8 To C8	Sqm	2	6.40	0.230	0.600	18.30
	C4 TO E4 & C8 To E8	Sqm	2	5.60	0.230	0.450	12.64
	TB10(230X600)= A6 To C6	Sqm	1	6.40	0.230	0.600	9.15
	TB11 (230X600)= N4 TO Q4 & N7 TO	Sqm	2	4.62	0.230	0.450	10.43
	Q4 TO T4 & Q8 TO T8		2	6.14	0.230	0.600	17.56
	TB12(300X600)= Q6 TO T6	Sqm	1	13.75	0.300	0.600	20.63
	TB13(230X600)= GRID A10 TO S10	Sqm	1	47.88	0.230	0.600	68.46
	TB14(230X450)= GRID B/W E10 E11	Sqm	2	4.30	0.230	0.450	9.72
	TB15(230X450)= GRID B/W 2B39,	Sqm	1	5.01	0.230	0.450	5.66
	TB16(230X450)= GRID B/W 1B41 1B2	Sqm	2	1.14	0.230	0.450	2.57
	TB17(230X0.45)= B/W 2B38, 2B41	Sqm	1	6.73	0.230	0.450	7.60
	TB18(230X450) GRID B/W 2B40,	Sqm	1	2.77	0.230	0.450	3.12
	TB19(230X450)= A11 TO S11	Sqm	1	47.88	0.230	0.450	54.10
	TB20(230X450)= AT B11	Sqm	1	4.13	0.230	0.450	4.67
	AT R11	Sqm	1	4.13	0.230	0.450	4.67
	TB21(230X450)= AT B1, F1, I1, K1, A2, A4, A8, A10, B11, R11	Sqm	20	0.37	0.230	0.450	8.36
		Sqm	4	0.60	0.230	0.450	2.71
	TB22(230X450)= AT A2 AND A10	Sqm	2	1.50	0.230	0.450	3.39
	TB22A (230X450)= AT A4 AND A8	Sqm	2	3.50	0.230	0.450	7.91

A.E.E (P)
R.R. Nagar

Assistant Executive E...
R.R. Nagar Project Sub-Div...
Bruhat Bengaluru Mahanagara...

AE/JE (P) R.R.N

	TB23(230X600)= A1 TO A11	Sqm	1	29.69	0.230	0.600	42.46
	TB24(230X600)= B10 TO B11, M10 TO M11	Sqm	2	6.40	0.230	0.600	18.30
	TB25(230X600)= GRID B1 TO B2	Sqm	2	6.40	0.230	0.600	18.30
	TB26(230X450)= GRID C3 TO C10	Sqm	1	15.46	0.230	0.450	17.47
	TB27(230X600)= D10 TO D11, J10 TO J11, L10 TO L11	Sqm	3	6.40	0.230	0.600	27.46
	TB28(230X600)= D1 TO D2, H1 TO H2, J1 TO J2	Sqm	3	6.40	0.230	0.600	27.46
	TB29(230X600)= GRID E2 TO E11	Sqm	1	21.98	0.230	0.600	31.42
	TB30(230X600)= G10 TO G11	Sqm	1	6.40	0.230	0.600	9.15
	TB31(230X600)= I10 TO I11	Sqm	2	6.40	0.230	0.600	18.30
	TB32(230X600)= I1 TO I3 , K1 TO K3	Sqm	2	6.40	0.230	0.600	18.30
			2	2.00	0.230	0.600	5.72
	TB33(230X600)= L1 TO L2	Sqm	1	6.40	0.230	0.600	9.15
	TB34(230X450)= P1 TO P2	Sqm	1	22.09	0.230	0.450	24.96
	TB35(150X450)= GRID N'1 TO N'2	Sqm	1	6.40	0.230	0.450	7.23
	TB36(230X600) = P1 TO P2	Sqm	1	6.40	0.230	0.600	9.15
	TB36A (230X450) = B/W Q1 R1	Sqm	1	2.00	0.230	0.450	2.26
	TB37(230X600)=R1 TO R11	Sqm	1	6.40	0.230	0.600	9.15
	TB38(230X600)= GRID- O10 TO O11	Sqm	1	6.40	0.230	0.600	9.15
	TB39(230X750)= Q2 TO Q10	Sqm	1	7.49	0.300	0.750	13.47
			2	3.65	0.230	0.450	8.25
	TB40(150X600)= GRID R10 TO R11	Sqm	1	6.40	0.230	0.600	9.15
	TB41(230X600)= GRID B/W R10 S10 TO R11 S11	Sqm	1	6.40	0.230	0.600	9.15
	TB42(230X600)= GRID S1 TO S4, S8 TO S11	Sqm	1	21.15	0.230	0.600	30.24
	TB42(230X750)= GRID S4 TO S8	Sqm	1	7.49	0.300	0.750	13.47
	TB43(230X0.45)= GRID AT S4/S8	Sqm	2	1.50	0.230	0.450	3.39
	TB44(230X600)= T4 TO T8	Sqm	1	7.30	0.230	0.600	10.44
				QTY IN Sqm			**1116.80**
	TF Lintel and Beam Shuttering						
	Lintel Beam L1 : (230x200) Grid A1 to S1 & A11 TO S11	Sqm	2	47.88	0.230	0.200	60.32
	Lintel Beam L2 : (230x200) Grid A2 TO S2 & A10 TO S10	Sqm	2	47.88	0.230	0.200	60.32
	Lintel Beam L3 : (230x200) Grid A1 TO A11 & S1 TO S11	Sqm	2	22.69	0.230	0.200	28.59
	Lintel Beam L4 : (230x300) Grid C2 to C10 & O2 to O10	Sqm	2	15.46	0.230	0.300	25.66
	Lintel Beam L5 : (115x150)	Sqm	5	1.20	0.115	0.150	2.49
	Lintel Beam L6 : (115x150)	Sqm	2	1.80	0.115	0.150	1.49
							178.88
							1295.68
	carry page no -9 EMB No -03	sqm					1116.80
						Total Qty	1295.68
						Deduct Paid Qty	1116.80
						Qty Paid on This bill	178.88

A.E.E (P)
R.R. Nagar

For M R INFRA

Partner

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

AE/JE (P) R.R.N

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
27	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. GROUND FLOOR						
	carry page no -36 EMB No -01	sqm					877.31
						Total Qty	877.31
						Deduct Paid Qty	877.31
						Up to 125%	784.38
						Above 125%	92.93
						Qty Paid on This bill	NIL

For M R INFRA
Partner
Contractor

AE/JE (P) R.R.N
Assistant Engineer

A.E.E (P)
R.R. Nagar
Asst. Executive Engineer
Assistant Executive
R.R. Nagar Project Sub-D
Bruhat Bengaluru Mahanaga

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
28	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. FIRST FLOOR						
	carry page no -3 EMB No -02	sqm					458.02
						Total Qty	458.02
						Deduct Paid Qty	458.02
						Qty Paid on This bill	NIL

For M R INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer

Chd Sk
A.E.E (P)
R.R. Nagar

RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
29	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. SECOND FLOOR						
	carry page no -25 EMB No -02	sqm					393.20
	carry page no -3 EMB No -03	sqm	Qty Released				136.51
						Total Qty	529.71
						Deduct Paid Qty	393.20
						Qty Paid on This bill	136.51

For M R INFRA
Partner
Contractor

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer

Chd Sk
A.E.E (P)
R.R. Naga

Assistant Executive Engineer
R.R. Nagar Project Sub-Div.
Bruhat Bengaluru Mahanaga...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
32	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - GROUND FLOOR						
	carry page no 50 - EMB No -01	sqm					1154.78
						Total Qty	1154.78
						Deduct Paid Qty	1154.78
						Qty Paid on This bill	NIL

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive E

R.R. Nagar Project Sub-

Bruhat Bengaluru Mahanag

A.E.E (P)
R. Nagar

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
33	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - FIRST FLOOR						
	carry page no 15 - EMB No -02	sqm					1154.78
						Total Qty	1154.78
						Deduct Paid Qty	1154.78
						Qty Paid on This bill	NIL

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

A.E.E (P)

R.R. Naga

Assistant Executive E

R.R. Nagar Project Sub-

Bruhat Bengaluru Mahana

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
34	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - SECOND FLOOR						
	carry page no 37- EMB No -02	sqm					1154.78
						Total Qty	1154.78
						Deduct Paid Qty	1154.78
						Qty Paid on This bill	NIL

For M R INFRA

Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
Assistant Executive E
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahanag

A.E.E (P)
R.R. Naga

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
35	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level - THIRD FLOOR						
	carry page no 12- EMB No -03	sqm					1105.60
	carry page no 12- EMB No -03		Qty Released				49.18
						Total Qty	1154.78
						Deduct Paid Qty	1105.60
						Qty Paid on This bill	49.18

For M R INFRA

Partner

Contractor

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive E
R.R. Nagar Project Sub-I
Bruhat Bengaluru Mahanagara Pali

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
37	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. GROUND , FIRST , SECOND, THIRD FLOOR						
	carry page no 52- EMB No -01	sqm					51.45
	carry page no 16- EMB No -02	sqm					51.45
	carry page no 38- EMB No -02	sqm					51.45
	carry page no 13- EMB No -03	sqm					28.46
	carry page no 13- EMB No -03	sqm	Qty Released				22.99
						Total Qty	205.78
						Deduct Paid Qty	182.80
						Qty Paid on This bill	22.98

Chkd E/P

A.E.E (P)
R.R. Naga

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

R.R. Nagar Project Sub-Division-
Bruhat Bengaluru Mahanagara Pali

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
39	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge. Ground floor						
	carry page no 53- EMB No -01	sqm					84.96
	carry page no 17- EMB No -02	sqm					84.96
	carry page no 39 - EMB No -02	sqm					84.96
						Total Qty	254.89
						Deduct Paid Qty	214.00
						Qty Paid on This bill	40.89

A.E.E (P)
R.R. Nagar

For M R INFRA

Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
R.R. Nagar Project Sub-Div...
Bruhat Bengaluru Mahanagara Palik

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
40	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification. Ground floor						
	carry page no 38- EMB No -01	sqm					43.91
						Total Qty	43.91
						Deduct Paid Qty	43.91
						Qty Paid on This bill	0.00

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

A.E.E(P) R.R.Nagar

RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
41	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.FIRST FLOOR						
	carry page no 5- EMB No -02	sqm					48.00
	carry page no 5- EMB No -02	sqm	Qty Released				2.60
						Total Qty	50.60
						Deduct Paid Qty	48.00
						Qty Paid on This bill	2.60

A.E.E (P) R.R. Naga

For M R INFRA

Contractor Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engineer
R.R. Nagar Project Sub-Divisi
Bruhat Bengaluru Mahanagara Palike

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
42	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 8.50 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification.SECOND FLOOR						
	carry page no 27 - EMB No -02	sqm					43.91
	carry page no 0 5- EMB No -03	sqm					4.09
	carry page no 0 5- EMB No -03	sqm	Qty Released				6.50
						Total Qty	54.50
						Deduct Paid Qty	48.00
						Qty Paid on This bill	6.50

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

R.R. Nagar Project Sub-L...

Bruhat Bengaluru Mahanagara Pal...

A.E.E (P)

R.R. Naga...

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
45	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights.						
	carry page no 47 - EMB No -01	sqm					43.91
	carry page no 11 - EMB No -02	sqm					50.60
	carry page no 33 - EMB No -02	sqm					50.60
	carry page no 10- EMB No -03	sqm					49.88
	carry page no 10- EMB No -03	sqm	Qty Released				0.72
						Total Qty	195.72
						Deduct Paid Qty	195.00
						Qty Paid on This bill	0.72

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

A.E.E (P)
R.R. Naga

Asst. Executive Engineer
R.R. Nagar Project Sub-Division-
Bruhat Bengaluru Mahanagara Pal

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RA BILL-04 AND Final								
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
47	Providing lath plastering cement mortor 1:3, 5 Cm thick with 6 mm dia mild steel @ 20 cm c/c both hiorizantaly & Vertically fixing Chicken Mesh for drop chejja , facia, Backing to cupboard including cost of all materials, labour, providing & removing form work H O M of Machinery , curing, complete as per specifications.						
	Lath plastering at Corridor and Staircase area						
	GF						
	Corridor North and south	Sqm	2	29.00		1.00	58.00
	Corridor East and West	Sqm	2	13.00		1.00	26.00
	Stair Case Area	Sqm	2	6.00			12.00
	FF						
	Corridor North and south	Sqm	2	29.00		1.00	58.00
	Corridor East and West	Sqm	2	13.00		1.00	26.00
	Stair Case Area	Sqm	2	6.00			12.00
	SF						
	Corridor North and south	Sqm	2	29.00		1.00	58.00
	Corridor East and West	Sqm	2	13.00		1.00	26.00
	Stair Case Area	Sqm	2	6.00			12.00
	TF						
	Corridor North and south	Sqm	2	29.00		1.00	58.00
	Corridor East and West	Sqm	2	13.00		1.00	26.00
	Stair Case Area	Sqm	2	6.00			12.00
				Total Qty in Sqm			384.00
				Total QTY Paid On This Bill			384.00
						Up to 125%	157.50
						Above 125%	226.50

For M R INFRA

Partner

Contractor

Assistant Engineer

AE/JE (P) R.R.N

A.E.E (P)
R.R. Nagar

Asst. Executive Engineer

R.R. Nagar Project Sub-
Bruhat Bengaluru Mahana

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
48	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. GROUND FLOOR						
	carry page no 54 - EMB No -01	sqm					92.94
						Total Qty	92.94
						Deduct Paid Qty	92.94
						Qty Paid on This bill	0.00

For M R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

A.E.E (P)
R.R. Nagar

Asst. Executive Engineer

R.R. Nagar Project Sub

Bruhat Bengaluru Mahanag

Scanned with OKEN Scanner

RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
49	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. FIRST FLOOR						
	carry page no 18 - EMB No -02	tonne					39.13
						Total Qty	39.13
						Deduct Paid Qty	31.10
						Qty Paid on This bill	-8.03

A.E.E (P)
R.R. Naga

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahana

Scanned with OKEN Scanner

RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
50	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. SECOND FLOOR						
	carry page no 24- EMB No -02	tonne					8.03
	carry page no 40- EMB No -02	tonne					39.38
						Total Qty	47.41
						Deduct Paid Qty	47.41
						Up to 125%	46.50
						Above 125%	0.91
						Qty Paid on This bill	Nil

Checked

A.E.E (P)
R.R. Nagar

For M.R INFRA

Contractor

Partner

Assistant Engineer

AE/JE (P) R.R.N

Asst. Executive Engineer

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-C
Brihat Bengaluru Mahana

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RA BILL-04 AND Final							
Item No	Description	Units	Nos	Measurements in Mtrs			Quantity
				Length	Breadth	Depth	
51	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500. THIRD FLOOR						
	carry page no 2- EMB No -03	tonne					1.34
	carry page no 14- EMB No -03	tonne					6.09
						Total Qty	7.44
						Deduct Paid Qty	7.44
						Qty Paid on This bill	Nil

For M R INFRA
Contractor
Partner

Assistant Engineer
AE/JE (P) R.R.N

Asst. Executive Engineer
R.R. Nagar Project Sub-
Bruhat Bengaluru Mahanagara

A.E.E (P)
R.R. Nagar

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